

**Amendments to the Specification:**

Please replace the paragraph beginning at page 6, line 7 with the following amended paragraph:

-- An example embodiment of a dosing device 1 according to the present invention depicted in Figure 1 is embodied in the form of a dosing device 1 for the use of low-pressure fuel injection valves. Dosing device 1 is suitable in particular for the input and atomization of fuel or a fuel/gas mixture into a metering chamber ~~(not depicted)~~ 21 of a chemical reformer (not depicted in further detail) in order to recover hydrogen, or of a post-combustion device or catalytic burner (not depicted in further detail) in order to generate heat, in which context the metering chamber 21 can be configured as a hollow cylinder having a coated inner surface.

Please replace the paragraph beginning at page 7, line 16 with the following amended paragraph:

-- A controller (not depicted) regulates the current flowing through heating element 4 and thus the heat output of heating element 4. The heat output is regulated, for example, as a function of the temperature in the metering chamber ~~(not depicted)~~ 21 or by way of a characteristic curve stored in the controller that senses further operating parameters, for example the time elapsed since the startup of dosing device 1 or, for example, of the associated secondary combustion device (not depicted).

Please replace the paragraph beginning at page 7, line 30 with the following amended paragraph:

-- Air or other gases, for example combustible residual gases from a reforming or fuel-cell process, can be delivered, for mixture preparation, through air inlet 9 that opens laterally via adapter 6 into delivery conduit 8 near metering device 2. As it continues, the fuel or fuel/gas mixture flows through delivery conduit 8 to nozzle body 7 and is there metered through spray discharge openings 15 (depicted in Figures 3 and 5) into the metering chamber ~~(not depicted)~~ 21.

Please replace the paragraph beginning at page 8, line 1 with the following amended paragraph:

-- The fuel or fuel/gas mixture is heated, especially at the beginning of a cold-start phase, in delivery conduit 8 by heating element 4. Atomization of the fuel is thereby

distinctly improved. The fuel is, in particular, heated until the fuel is completely evaporated. The fuel or fuel/gas mixture is thus, for example in a cold-start phase, already completely in the vapor phase upon entry into the metering chamber ~~(not depicted)~~ 21. In a motor vehicle in particular, heating element 4 can, for example, already be supplied with electrical power as the motor vehicle is opened, occupied, or started. The cold-start phase is thereby further shortened.